



**Pacific Gas and
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PG&E Letter DCL-04-038

U.S. Nuclear Regulatory Commission
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Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
2003 Annual Technical Specification 5.6.1 Report

Dear Commissioners and Staff:

In accordance with Technical Specification (TS) 5.6.1, "Annual Reports," Pacific Gas & Electric Company is submitting the annual tabulation of exposure to radiation for Diablo Canyon Power Plant Units, 1 and 2, for 2003.

TS 5.6.1 requires an annual report that includes a tabulation of the number of station, utility, and other personnel receiving exposure greater than 100 millirem per year, and their associated exposure according to work and job function. The information is provided in accordance with the standard format of Regulatory Guide 1.16.

Sincerely,

James R. Becker

snf/4509/R0246451

Enclosure

cc: Bruce S. Mallett
David L. Proulx
Girija S. Shukla
Diablo Distribution

IE 56

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

Pacific Gas and Electric Company
Diablo Canyon Power Plant
Units 1 and 2

Enclosure
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**Standard Format for Reporting Number of Personnel
and Man-Rem by Work and Job Function**

Pacific Gas and Electric Company

Diablo Canyon Power Plant

Units 1 and 2

Annual Tabulation of Exposure to Radiation for 2003

**Standard Format for Reporting Number of Personnel
 and Man-Rem by Work and Job Function**

WORK AND JOB FUNCTION (PERSONNEL GROUPING)	NUMBER OF PERSONNEL* (>100 MREM)			TOTAL MAN-REM		
	Station Employees	Utility Employees	Contract Workers & Others	Station Employees	Utility Employees	Contract Workers & Others
<i>Reactor Operations & Surveillance</i>						
Maintenance	0	0	1	0.000	0.000	0.006
Operating	11	0	0	0.309	0.000	0.000
Health Physics	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	2	0	0	0.064	0.000	0.000
<i>Routine Maintenance</i>						
Maintenance	67	2	108	2.260	0.052	2.392
Operating	18	1	1	0.129	0.009	0.008
Health Physics	22	0	8	0.848	0.000	0.300
Supervisory	1	0	0	0.003	0.000	0.000
Engineering	17	1	1	0.334	0.015	0.001
<i>Inservice Inspection</i>						
Maintenance	4	0	16	0.239	0.000	1.219
Operating	2	0	0	0.249	0.000	0.000
Health Physics	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	7	1	0	0.916	0.085	0.000
<i>Special Maintenance</i>						
Maintenance	27	1	2	3.050	0.001	0.185
Operating	0	0	0	0.000	0.000	0.000
Health Physics	10	0	0	0.311	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	4	0	0	0.134	0.000	0.000

**Standard Format for Reporting Number of Personnel
 and Man-Rem by Work and Job Function**

WORK AND JOB FUNCTION (PERSONNEL GROUPING)	NUMBER OF PERSONNEL* (>100 MREM)			TOTAL MAN-REM		
	Station Employees	Utility Employees	Contract Workers & Others	Station Employees	Utility Employees	Contract Workers & Others
Waste Processing						
Maintenance	9	0	5	0.065	0.000	0.011
Operating	0	0	0	0.000	0.000	0.000
Health Physics	11	0	1	1.663	0.000	0.160
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	0	0	0	0.000	0.000	0.000
Refueling						
Maintenance	73	4	254	17.783	0.650	65.328
Operating	22	1	1	3.963	0.176	0.130
Health Physics	23	0	13	5.059	0.000	2.843
Supervisory	1	0	0	0.387	0.000	0.000
Engineering	22	1	3	4.345	0.001	0.618
Total						
Maintenance	180	7	386	23.397	0.703	69.141
Operating	53	2	2	4.650	0.185	0.138
Health Physics	66	0	22	7.881	0.000	3.303
Supervisory	2	0	0	0.390	0.000	0.000
Engineering	52	3	4	5.793	0.101	0.619
Grand Total	353	12	414	42.111	0.989	73.201

* The "Number of Personnel" listed in the upper section of the table, are the number of personnel in the department receiving > 100 mRem. However, their entire dose was not necessarily received on a single Job Function. The personnel may have received their dose from multiple Job Functions. Therefore, depending on how many jobs contributed to their dose, the same person may be counted multiple times in the lower "totals" section of the table.